

**CPC****COOPERATIVE PATENT CLASSIFICATION****D01B**

**MECHANICAL TREATMENT OF NATURAL FIBROUS OR FILAMENTARY MATERIAL TO OBTAIN FIBRES OF FILAMENTS, e.g. FOR SPINNING** (crude extraction of asbestos fibres from ores [B03B](#); apparatus for retting [D01C](#))

**NOTE**

Attention is drawn to the note following the title of Class [D01](#)

**D01B 1/00**

**Mechanical separation of fibres from plant material, e.g. seeds, leaves, stalks**

- D01B 1/02 . Separating vegetable fibres from seeds, e.g. cotton
- D01B 1/04 .. Ginning
- D01B 1/06 ... Roller gins, e.g. Macarthy type
- D01B 1/08 ... Saw gins
- D01B 1/10 . Separating vegetable fibres from stalks or leaves
- D01B 1/12 .. Rippling
- D01B 1/14 .. Breaking or scutching, e.g. of flax; Decorticating
- D01B 1/16 ... with devices dependent on a bending action to break or loosen fibre-bearing materials ([crushing rollers D01B 1/22](#))
- D01B 1/18 ... With stamping devices
- D01B 1/20 ... with scraping devices
- D01B 1/22 ... with crushing or breaking rollers or plates
- D01B 1/24 ... with toothed or other pointed devices
- D01B 1/26 ... with beaters rotating about an axis parallel with the fibre bundle
- D01B 1/28 ... with beaters rotating about an axis perpendicular to the fibre bundle
- D01B 1/30 ... Details of machines
- D01B 1/32 .... Feeding arrangements
- D01B 1/34 .... Devices holding fibres or fibre-bearing materials during treatment
- D01B 1/36 ..... Conveying devices, e.g. moving bands or ropes
- D01B 1/38 .... Delivery or discharge arrangements
- D01B 1/40 .... Arrangements for disposing of non-fibrous materials
- D01B 1/42 ..... employing liquids
- D01B 1/44 .... Framework; Casings; Coverings; Grids
- D01B 1/46 .... Driving arrangements
- D01B 1/48 .. Drying retted fibres
- D01B 1/50 . Obtaining fibres from other specified vegetable matter, e.g. peat, Spanish moss

**D01B 3/00**                    **Mechanical removal of impurities from animal fibres** (carbonising rags to recover animal fibres [D01C 5/00](#))

- D01B 3/02                    . De-burring machines or apparatus (de-burring arrangements forming part of or intimately associated with carding or drafting machines, e.g. burr-crushing rollers, [D01G](#))
- D01B 3/025                .. {Removing pieces of metal}
- D01B 3/04                    . Machines or apparatus for washing or scouring loose wool fibres
- D01B 3/06                    .. with circular movement of either wool or liquid
- D01B 3/08                    .. with longitudinal movement of either wool or liquid
- D01B 3/10                    .. Details of machines or apparatus

**D01B 5/00**                    **Hackling or heckling machines** (hand heckling tools [D01G 33/00](#))

- D01B 5/02                    . Details
- D01B 5/04                    .. Apparatus for feeding, holding, or conveying materials to or in machines
- D01B 5/06                    .. Construction, mounting, or operating features of heckling devices
- D01B 5/08                    .. Arrangements for removing, or disposing of, tow or waste
- D01B 5/10                    .. Touch pins or other ending devices
- D01B 5/12                    .. Framework; Casings; Coverings
- D01B 5/14                    .. Driving arrangements
- D01B 5/16                    .. Arrangements for confining or removing dust or the like

**D01B 7/00**                    **Obtaining silk fibres or filaments**

- D01B 7/02                    . Cleaning or classifying silk cocoons
- D01B 7/04                    . Reeling silk
- D01B 7/06                    . Obtaining silk from cocoons or portions thereof not suitable for reeling (de-gumming silk [D01C 3/02](#))

**D01B 9/00**                    **Other mechanical treatment of natural fibrous or filamentary material to obtain fibres or filaments**